

**INFORMATION DISCLOSURE
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Sheet

1

of

1

COMPLETE IF KNOWN

Application Number	09/972,050
Confirmation Number	3857
Filing Date	October 5, 2001
First Named Inventor	Mark L. Waechter
Group Art Unit	3627
Examiner Name	Ronald Laneau
Attorney Docket No.	213828022US1

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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.

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Sheet 1 of 1 Attorney Docket No. 213828022US1

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Examiner Name	Francis J. Bartuska

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Jjh		Partial International Search, International Patent Application No. PCT/US02/29257, 9/11/03, 5 pages	

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Sheet 1 of 5

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Application Number	09/972,050	Conf. No. 3857
Filing Date	October 5, 2001	
First Named Inventor	Mark L. Waechter	
Group Art Unit	3652	
Examiner Name	Unknown	
Attorney Docket No.	213828022US1	

U.S. PATENT DOCUMENTS

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		NUMBER	Kind Code (if known)			
TM	446,303	Thompson		2/10/1891		
	1,234,707	Whistler		7/24/17		
	2,390,147	Hatton		12/4/45		
	2,621,665	McGee		12/16/52		
	2,865,561	Rosapepe		12/23/58		
	2,931,480	Heim		4/5/60		
	3,065,467	Prevost		11/20/62		
	3,132,654	Adams		5/12/64		
	3,173,742	Simjian		3/16/65		
	3,297,242	Karp		1/10/67		
	3,463,171	Dolman		8/26/69		
	3,589,492	Shirley		6/29/71		
	3,599,771	Hinterstocker		8/17/71		
	3,603,327	Buchholz et al.		9/7/71		
	3,653,481	Boxall et al.		4/4/72		
	3,680,566	Tanaka et al.		8/1/72		
	3,752,168	Bayha		8/14/73		
	3,815,717	Arseneau		6/11/74		
	3,818,918	Nissmo et al.		6/25/74		
	3,870,137	Fougere		3/11/75		
	3,901,368	Klinger		8/26/75		
	3,948,280	Dahl et al.		4/6/76		
	3,952,851	Fougere et al.		4/27/76		
	3,965,912	Gross		6/29/76		
	4,036,242	Breitenstein et al.		7/19/77		
	4,058,954	Asami		11/22/77		
	4,071,740	Gogulski		1/31/78		
	4,089,400	Gregory, Jr.		5/16/78		
	4,092,990	Bayne		6/6/78		
	4,099,722	Rodesch et al.		7/11/78		
	4,100,925	Fukunaga		7/18/78		
	4,106,610	Heiman		8/15/78		
	4,111,216	Brisebarre		9/5/78		
	4,148,331	Nicolaus		4/10/79		
	4,167,949	Hashimoto et al.		9/18/79		
	4,184,366	Butler		1/22/80		
	4,199,744	Aldridge et al.		4/22/80		
	4,228,811	Tanaka et al.		10/21/80		
	4,249,552	Margolin et al.		2/10/81		
	4,266,121	Hirose		5/5/81		
	4,286,704	Wood		9/1/81		
	4,334,604	Davies		6/15/82		
	4,356,829	Furuya		11/2/82		
	4,360,034	Davila et al.		11/23/82		
	4,369,800	Watanabe et al.		1/25/83		
	4,380,316	Glinka et al.		4/19/83		
	4,383,540	De Meyer et al.		5/17/83		
TM	4,398,550	Shireman		8/16/83		

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Sheet

2

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5

Attorney Docket No. 213828022US1

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Application Number	09/972,050	Conf. No. 3857
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Group Art Unit	3652	
Examiner Name	Unknown	

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		NUMBER	Kind Code (if known)			
John		4,416,365		Heiman	11/22/83	
		4,434,359		Watanabe	2/28/84	
		4,436,103		Dick	3/13/84	
		4,437,558		Nicholson et al.	3/20/84	
		4,448,297		Mendelsohn	5/15/84	
		4,460,003		Barnes et al.	7/17/84	
		4,469,213		Nicholson et al.	9/4/84	
		4,471,864		Marshall	9/18/84	
		4,488,116		Plesko	12/11/84	
		4,503,963		Steiner	3/12/85	
		4,509,542		Watanabe et al.	4/9/85	
		4,509,633		Chow	4/9/85	
		4,556,140		Okada	12/3/85	
		4,558,711		Yoshiaki et al.	12/17/85	
		4,558,712		Sentoku et al.	12/17/85	
		4,574,824		Paulsen et al.	3/11/86	
		4,598,378		Giacomo	7/1/86	
		4,611,205		Eglise	9/9/86	
		4,622,456		Naruto et al.	11/11/86	
		4,625,851		Johnson et al.	12/2/86	
		4,706,577		Jones	11/17/87	
		4,716,799		Hartmann	1/5/88	
		4,723,212		Mindrum et al.	2/2/88	
		4,733,765		Watanabe	3/29/88	
		4,753,625		Okada	6/28/88	
		4,754,862		Rawicz-Szcerbo et al.	7/5/88	
		4,809,838		Houserman	3/7/89	
		4,842,119		Abe	6/27/89	
		4,872,618		Sato et al.	10/10/89	
		4,883,158		Kobayashi et al.	11/28/89	
		4,884,672		Parker	12/5/89	
		4,910,672		Off et al.	3/20/90	
		4,914,381		Narod	4/3/90	
		4,921,463		Primdahl et al.	5/1/90	
		4,926,997		Parker	5/22/90	
		4,936,435		Griner	6/26/90	
		4,936,436		Keltner	6/26/90	
		4,950,986		Guerrero	8/21/90	
		4,960,196		Kanehara et al.	10/2/90	
		4,964,495		Rasmussen	10/23/90	
		4,978,322		Paulsen	12/18/90	
		4,995,497		Kai et al.	2/26/91	
		4,995,848		Goh	2/26/91	
		4,997,406		Horiguchi et al.	3/5/91	
		5,021,967		Smith	6/4/91	
		5,025,139		Halliburton, Jr.	6/18/91	
		5,030,165		Nilsson et al.	7/9/91	
John		5,039,848		Stoken	8/13/91	

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COMPLETE IF KNOWN

Application Number	09/972,050	Conf. No. 3857
Filing Date	October 5, 2001	
First Named Inventor	Mark L. Waechter	
Group Art Unit	3652	
Examiner Name	Unknown	

Sheet

3

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5

Attorney Docket No. 213828022US1

U.S. PATENT DOCUMENTS

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		NUMBER	Kind Code (if known)			
TM		5,040,657		Gunn et al.	8/20/91	
		5,056,644		Parker	10/15/91	
		5,067,604		Metcalf	11/26/91	
		5,078,252		Furuya et al.	1/7/92	
		5,083,765		Kringel	1/28/92	
		5,091,713		Horne et al.	2/25/92	
		5,098,339		Dabrowski	3/24/92	
		5,131,885		Nakao et al.	7/21/92	
		5,167,571		Waller	12/1/92	
		5,173,851		Off et al.	12/22/92	
		5,191,957		Hayes	3/9/93	
		5,199,545		Takamisawa et al.	4/6/93	
		5,219,059		Furuya et al.	6/15/93	
		5,226,520		Parker	7/13/93	
		5,236,074		Gotaas	8/17/93	
		5,244,070		Carmen et al.	9/14/93	
		5,254,032		Abc	10/19/93	
		5,263,566		Nara et al.	11/23/93	
		5,279,404		Bruner et al.	1/18/94	
		5,285,883		Le Hong et al.	2/15/94	
		5,291,782		Taylor	3/8/94	
		5,293,979		Levasseur	3/15/94	
		5,293,980		Parker	3/15/94	
		5,299,673		Wu	4/5/94	
		5,316,120		Ibarrola	5/31/94	
		5,321,242		Heath, Jr.	6/14/94	
		5,323,891		Waite	6/28/94	
		5,326,312		Patroni	7/5/94	
		5,346,049		Nakajima et al.	9/13/94	
		5,351,798		Hayes	10/4/94	
		5,379,875		Shames et al.	1/10/95	
		5,386,901		Ibarrola et al.	2/7/95	
		5,386,902		Bointon et al.	2/7/95	
		5,388,680		Hird et al.	2/14/95	
		5,392,891		Ferguson et al.	2/28/95	
		5,404,985		Baughman	4/11/95	
		5,431,270		Wohlrab et al.	7/11/95	
		5,433,310		Bell	7/18/95	
		5,439,089		Parker	8/8/95	
		5,449,058		Kotler et al.	9/12/95	
		5,452,785		Iwamoto et al.	9/26/95	
		5,458,225		Iwamoto et al.	10/17/95	
		5,460,256		Levasseur	10/24/95	
		5,469,952		Kershaw et al.	11/28/95	
		5,484,334		Evdokimo	1/16/96	
		5,489,015		Wood	2/6/96	
		5,494,145		Cohrs et al.	2/27/96	
		5,494,147		Takahashi et al.	2/27/96	
TM		5,501,633		Watkins et al.	3/26/96	

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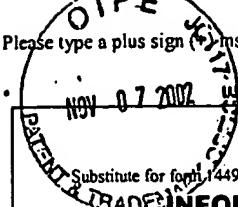
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TM		5,515,960		Wood	5/14/96	
		5,564,546		Molbak et al.	10/15/96	
		5,616,074		Chen	4/1/97	
		5,620,079		Molbak	4/15/97	
		5,695,395		Ota et al.	12/9/97	
		5,788,046		Lamah	8/4/98	
		5,988,348		Martin et al.	11/23/99	
		6,047,808		Neubarth et al.	4/11/00	
		6,056,104		Neubarth et al.	5/2/00	
SPM		6,196,371	BI	Martin et al.	3/6/01	

FOREIGN PATENT DOCUMENTS

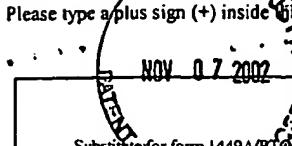
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		Office	Number	Kind Code (if known)			
TM		CA	2,067,987		O'Brien et al.	11/7/92	
		CA	2,060,630		Catalina Marketing International, Inc.	2/2/99	
		DT	1 944 488		Standard Elektrik Lorenz AG	3/4/71	
		DT	25 16 532	A1	Laurel Bank Machine Co., Ltd.	10/30/75	
		DT	25 28 735	A1	Clark Equipment Co.	4/8/76	
		DE	30 21 327	A1	Schorpp	12/24/81	
		DD	288 018	A5	Verkehrswesen Forsch Inst.	3/14/91	NOV 08 2002
		EP	0 060 392	B1	Sodeco Compteurs de Geneve	9/22/82	
		EP	0 209 357	B1	Kabushiki Kaisha Universal	1/21/87	
		EP	0 300 781	B1	Scan Coin AB	1/25/89	
		EP	0 724 237	B1	Asahi Seiko Kabushiki Kaisha	7/31/96	
		GB	2,198,274	A	Enterword Limited	6/8/88	
		JP	1-307891	A	Hitachi Ltd.	12/12/89	English
		JP	3-63795	A	Mitsubishi Heavy Ind. Ltd.	3/19/91	
		JP	3-92994	A	Hitachi Ltd.	4/18/91	Portions
		PCT	WO 87/05729 SE87/00102	A1	Scan Coin AB	9/24/87	only
		PCT	WO 88/08174 GB88/00274	A1	Scan Coin AB	10/20/88	
		PCT	WO 89/01209 GB88/00592	A1	Scan Coin AB	2/9/89	
		PCT	WO 93/02431 DK91/00209	A1	C.T. Coin AS	2/4/93	
		PCT	WO 94/09440 US93/07846	A1	Catalina Marketing International, Inc.	4/28/94	
SPM		PCT	WO 95/30215 US95/05356	A1	Coinstar, Inc.	11/9/95	

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RLW	•	"Slide Changing Apparatus With Slide Jam Protection", Research Disclosure 30509, 9/89	
	•	F. Zimmerman & Co., "Reference Manual Contovit/Sortovit, Perconta Money Counting and Sorting Systems", 8/95, pp. I-III, I-31, and three pages of specifications	
		Hamilton, "Turning Cans into Cold Cash", <i>The Washington Post</i> , 7/2/91, pp. D1, D4, 194-209	
	•	Reis Eurosystens Geldbearbeitungssysteme, "Test-Programme CS 3110 Selectronic coin sorting and counting machine", 7/92, pp. 1-3	
	•	Reis Eurosystens, "Operating Instructions CS 3110 Selectronic Coin Sorting and Counting Machine With Central Sensor", 7/92, pp. 1-12 I-IV	
RLW		"The Electrical Engineering Handbook", 2 nd Edition, CRC Press and IEEE, 1997, edited by Richard C. Dorf, pp. 23-31	

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